

MITOMYCIN DERIVATIVE

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Abstract of JP1113391

NEW MATERIAL: A compound expressed by formula I [R is acyl residue obtained by removing hydroxyl group from carboxyl group of fat-soluble or water-soluble carboxylic acid and the fat-soluble carboxylic acid is 8-20 deg.C aliphatic carboxylic acid, 3-5C alicyclic carboxylic acid, steroids having carboxyl group or aromatic carboxylic acid and the water-soluble carboxylic acid is formula II (R1 and R2 are H or methyl; n is 2-4)]. **EXAMPLE:** 1a-[[[(Benzoyloxy)methyl]oxy]carbonyl]mitomycin C. **USE:** An antiulcer agent. **PREPARATION:** 1a-(Chloromethyloxycarbonyl)mitomycin C expressed by formula III obtained by reacting mitomycin C with chloromethyl chloroformate in the presence of a base is reacted with the formula ROM (M is a salt of carboxylic acid as ROM) in the presence of an inert solvent.

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